

# Carbon Capture and Geologic Sequestration (CCGS) Workgroup – Steering Committee and Subcommittee Tasks

(Text in red indicates subpart of UCA54-17-701 the task is addressing)

Steering Committee	CO2 Capture and Separation Subcommittee	CO2 Compression and Transportation (Pipeline) Subcommittee	CO2 Injection Well Subcommittee
<ul style="list-style-type: none"> <li>Coordinate with legislative Administrative Rules Review Committee and Public Utilities and Technology and Natural Resources, Agriculture, and Environment Interim Committees</li> <li>Coordinate response to EPA draft rule for carbon sequestration</li> <li>Identify and address cross cutting issues – e.g. composition of captured and sequestered CO2 (water content, H<sub>2</sub>S, other contaminants) (1)(h)</li> <li>Update Carbon Capture and Geologic Sequestration web page with information about the CCGS Workgroup and information about CCGS (6)(c)</li> <li>...</li> <li>...</li> <li>...</li> </ul>	<ul style="list-style-type: none"> <li>Identify and prepare recommended new regulations and changes to existing regulations (6)(c)</li> <li>Identify and articulate needs for new statutes (6)(c)</li> <li>Identify additional stakeholders – large stationary sources affected by CCGS rules</li> <li>Coordinate with Steering Committee on CO2 composition requirements (1)(h)</li> <li>Ensure Health and Safety Plans are included in work plans for the construction and operation of capture and separation plant (6)(a)</li> <li>Address capture/separation associated with different capture systems: industrial processes (cement plants, natural gas processing), pre-combustion, post-combustion, and oxy-fuel combustion; and for different capture technologies: sorbents, solvents, membrane, cryogenic, etc.</li> <li>...</li> <li>...</li> <li>...</li> </ul>	<ul style="list-style-type: none"> <li>Identify and prepare recommended new regulations and changes to existing regulations (6)(c)</li> <li>Identify and articulate needs for new statutes (6)(c)</li> <li>Address whether or not there is a need to define “pipeline quality” CO2</li> <li>Identify additional stakeholders – land managers, etc.</li> <li>Coordinate with US DOT Pipeline and Hazardous Materials Safety Administration ( US DOT PHMSA) as necessary; 49 CFR 195 applies to transport of CO2 by pipeline</li> <li>Address siting criteria (1)(a)</li> <li>Address risk assessment as it relates to siting criteria and operation and maintenance requirements (1)(c) and (6)(b)</li> <li>Address corrective action protocols (1)(d)</li> <li>Address issues pertaining to pipeline right of way (1)(m)</li> <li>Coordinate with Steering Committee on CO2 composition requirements (1)(h)</li> <li>Ensure Health and Safety Plans are included in work plans for the construction of pipeline and for the</li> </ul>	<ul style="list-style-type: none"> <li>Identify and prepare recommended new regulations and changes to existing regulations (6)(c)</li> <li>Identify and articulate needs for new statutes (6)(c)</li> <li>Identify additional stakeholders</li> <li>Address siting criteria (1)(a)</li> <li>Address geomechanical, geochemical, and hydrogeological parameters as they pertain to siting criteria and operational requirements (1)(b)</li> <li>Address risk assessment as it relates to siting criteria and operation and maintenance requirements (1)(c) and (6)(b)</li> <li>Address corrective action protocols (1)(d)</li> <li>Address issuance of permits for test, injection, and monitoring wells (1)(e)</li> <li>Address Drilling and Construction Work Plans for the test, injection, and monitoring wells (1)(f)</li> <li>Address issues concerning ownership of subsurface rights and pore space (1)(g)</li> <li>Coordinate with Steering Committee on CO2 composition requirements, consider composition requirements for reuse (1)(h)</li> </ul>

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		<p>operation of pipelines (6)(a)</p> <ul style="list-style-type: none"> <li>• Address compressor requirements specific to CO2 transport</li> <li>• Address physical state of CO2 (gas or supercritical) transport</li> <li>• ...</li> <li>• ...</li> <li>• ...</li> </ul>	<ul style="list-style-type: none"> <li>• Address MMV during operation, closure, and post-closure periods (1)(i)</li> <li>• Address closure and decommissioning procedure for test, injection, and monitoring wells and surface facilities (1)(j)</li> <li>• Address liability and indemnification (1)(k)</li> <li>• Address conversion of EOR to CCGS (1)(l)</li> <li>• Address Area of Review (AOR) (1)(m)</li> <li>• Address issues pertaining to subsequent beneficial reuse of sequestered CO2 (1)(m)</li> <li>• Ensure Health and Safety Plans are included in work plans for the construction of wells and for the operation of wells (6)(a)</li> <li>• Identify and address as appropriate any other legal issues (1)(m)</li> <li>• Identify and address multi-agency authority</li> <li>• ...</li> <li>• ...</li> </ul>